

S/N 10/014,933

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Applicant: William Hsu et al.

Examiner: Unknown

Serial No.: 10/014,933

Group Art Unit: Unknown

Filed: October 22, 2001

Docket: 279.084US2

Title: SYSTEM AND METHOD FOR ARRHYTHMIA DISCRIMINATION

SUPPLEMENTAL PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to taking up the above-identified patent application for review, please amend the application as follows:

IN THE SPECIFICATION

Please substitute the following paragraphs of the Specification with the paragraphs in the appendix entitled "Clean Version of the Amended Specification Paragraphs." Following are marked-up versions of the amended paragraphs showing specific changes.

On page 1, the paragraph under the heading "Cross-Reference to Related Applications," has been amended as follows:

This application is a continuation of U.S. Patent Application No. 09/248,800, filed on February 12, 1999, now issued as U.S. Patent No. 6,308,095, the specification of which is incorporated herein by reference.

Specific amendments to the paragraph beginning on page 3, line 25, are as follows:

In one embodiment, the first feature point along the first cardiac signal and the second feature point along the second cardiac signal are determined from morphological features along the cardiac signals. In one embodiment, the morphological features along the cardiac signals can be any combination of maximum deflection points of the cardiac signals, the beginning or ending of cardiac signals, and/or [fiducial] fiducial points along the cardiac signals. Timing differences between the